Layer (type)	Output Shape	Param #	
input_1 (InputLayer)	(None, 1)	0	
lambda_1 (Lambda)	(None, 512)	0	
dense_1 (Dense)	(None, 128)	65664	
dropout_1 (Dropout)	(None, 128)	0	
dense_2 (Dense)	(None, 1)	129	
Total params: 65,793 Trainable params: 65,793 Non-trainable params: 0 Train on 60000 samples, validate on 10000 samples Epoch 1/20			
60000/60000 [===== Epoch 2/20		=======] - 120s 2ms/step - loss: 0.3709 - acc: 0.8356 - val_loss: 0.3486 - val_acc: 0.8443
60000/60000 [===== Epoch 3/20		=======] - 111s 2ms/step - loss: 0.3396 - acc: 0.8508 - val_loss: 0.3345 - val_acc: 0.8529
		=======] - 108s 2ms/step - loss: 0.3298 - acc: 0.8554 - val_loss: 0.3280 - val_acc: 0.8568
60000/60000 [===== Epoch 5/20	=========	========] - 108s 2ms/step - loss: 0.3228 - acc: 0.8590 - val_loss: 0.3221 - val_acc: 0.8628
60000/60000 [===== Epoch 6/20		========] - 109s 2ms/step - loss: 0.3158 - acc: 0.8634 - val_loss: 0.3216 - val_acc: 0.8602
		========] - 106s 2ms/step - loss: 0.3098 - acc: 0.8665 - val_loss: 0.3279 - val_acc: 0.8584
		========] - 109s 2ms/step - loss: 0.3038 - acc: 0.8689 - val_loss: 0.3182 - val_acc: 0.8622

60000/60000 [===============] - 108s 2ms/step - loss: 0.2956 - acc: 0.8740 - val_loss: 0.3145 - val_acc: 0.8647

60000/60000 [==============] - 104s 2ms/step - loss: 0.2907 - acc: 0.8767 - val_loss: 0.3081 - val_acc: 0.8667

60000/60000 [===============] - 108s 2ms/step - loss: 0.2832 - acc: 0.8807 - val_loss: 0.3062 - val_acc: 0.8679

60000/60000 [===============] - 105s 2ms/step - loss: 0.2792 - acc: 0.8827 - val_loss: 0.3083 - val_acc: 0.8653

60000/60000 [============] - 112s 2ms/step - loss: 0.2745 - acc: 0.8851 - val_loss: 0.3062 - val_acc: 0.8694

60000/60000 [=============] - 109s 2ms/step - loss: 0.2718 - acc: 0.8867 - val_loss: 0.3026 - val_acc: 0.8704

60000/60000 [============] - 104s 2ms/step - loss: 0.2620 - acc: 0.8907 - val_loss: 0.3045 - val_acc: 0.8689

60000/60000 [==============] - 104s 2ms/step - loss: 0.2574 - acc: 0.8947 - val_loss: 0.2998 - val_acc: 0.8744

Test score: 0.295315289636453 Test accuracy: 0.8735

Epoch 8/20

Epoch 9/20

Fnoch 10/20

Epoch 11/20

Epoch 12/20

Epoch 13/20

Epoch 14/20

Epoch 15/20

Epoch 16/20

Epoch 17/20

Epoch 18/20

Epoch 19/20

Fnoch 20/20

